

Title (en)
PORTABLE ELECTRONIC DEVICE HAVING VERSATILE PROGRAM STORAGE

Publication
EP 0402758 A3 19920930 (EN)

Application
EP 90110737 A 19900606

Priority
JP 14899589 A 19890612

Abstract (en)
[origin: EP0402758A2] A portable electronic device which has an on-line mode in which the device is connected to an external apparatus (16) in use, and an off-line mode in which the device is solely used, and incorporates a battery (25), comprises a data processing unit (28, 20, 26, 29, 30) having a basic processing function of the device, and a user application processing function, a memory unit (29 - 31) having a first memory area (31c), which is inhibited from writing, for storing a program for executing the basic processing function, and a rewritable second memory area (31a, 31b) for storing a user application program and data for it, and a memory controller (40X) for, when the user application program accesses the second memory area (31a, 31b) by a predetermined access command and when the access command includes a predetermined access approval code, approving read/write access to the second memory area (31a, 31b), and for, when the access command does not include the predetermined access approval code, disapproving read/write access to the second memory area (31a, 31b).

IPC 1-7
G06F 15/02

IPC 8 full level
G06F 12/14 (2006.01); **G06F 15/02** (2006.01); **G06F 21/62** (2013.01); **G06F 21/79** (2013.01); **G06K 19/073** (2006.01)

CPC (source: EP)
G06F 15/0241 (2013.01)

Citation (search report)
• [X] EP 0292248 A2 19881123 - GEN ELECTRIC CO PLC [GB]
• [X] EP 0261030 A2 19880323 - FUJITSU LTD [JP]
• [A] EP 0218176 A2 19870415 - TOSHIBA KK [JP]
• [A] US 4211919 A 19800708 - UGON MICHEL [FR]
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 370 (P-920)17 August 1989 & JP-A-1 127 994 (TOSHIBA CORP) 19 May 1989

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EP 0402758 A2 19901219; EP 0402758 A3 19920930; EP 0402758 B1 19980415; DE 69032235 D1 19980520; DE 69032235 T2 19981217; JP 2791105 B2 19980827; JP H0314053 A 19910122

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